

El-Khider Si-Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

297
citations

1039880

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h-index

887953

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g-index

19
all docs

19
docs citations

19
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Single and two-phase flows in a horizontal pipe with a Kenics static mixer: Effect of pressure drop on mixing. Canadian Journal of Chemical Engineering, 2023, 101, 828-844.	0.9	11
2	An efficient numerical prediction of the crust onset of a drying colloidal drop. International Journal of Heat and Mass Transfer, 2021, 165, 120613.	2.5	2
3	Impact of Dropwise Condensation on the Biomass Production Rate in Covered Raceway Ponds. Energies, 2021, 14, 268.	1.6	5
4	Onset of intermittent flow: Visualization of flow structures. Oil and Gas Science and Technology, 2021, 76, 27.	1.4	7
5	Passive thermal regulation approach for Algofilm [®] photobioreactor through phase change. Chemical Engineering Research and Design, 2021, 168, 411-425.	2.7	4
6	Experimental investigation of sudden expansion's influence on the hydrodynamic behavior of different sub-regimes of intermittent flow. Journal of Petroleum Science and Engineering, 2021, 205, 108834.	2.1	9
7	A Discussion on the Relation Between the Intermittent Flow Sub-Regimes and the Frictional Pressure Drop. International Journal of Heat and Mass Transfer, 2021, 181, 121895.	2.5	15
8	Numerical Simulation of Taylor-Couette Flows with Rotating Outer Wall Using a Hybrid Spectral/Finite Element Method. Theoretical Foundations of Chemical Engineering, 2021, 55, 1258-1273.	0.2	0
9	On gas-liquid intermittent flow in a horizontal pipe: Influence of sub-regime on slug frequency. Chemical Engineering Science, 2020, 211, 115251.	1.9	40
10	Numerical Investigations of Passive Scalar Transport in Turbulent Taylor-Couette Flows: Large Eddy Simulation Versus Direct Numerical Simulations. Journal of Fluids Engineering, Transactions of the ASME, 2012, 134, .	0.8	6
11	On the boundary immobilization and variable space grid methods for transient heat conduction problems with phase change: Discussion and refinement. Comptes Rendus - Mecanique, 2012, 340, 501-511.	2.1	18
12	Analysis of loss of coolant accident in MTR pool type research reactor. Progress in Nuclear Energy, 2011, 53, 285-289.	1.3	12
13	Stability analysis of inclined stratified two-phase gas-liquid flow. Nuclear Engineering and Design, 2010, 240, 1083-1096.	0.8	19
14	Numerical Investigations of Passive Scalar Transport in Turbulent Taylor-Couette Flows: Code Validation. , 2010, , .		1
15	Application of coupled code technique to a safety analysis of a standard MTR research reactor. Nuclear Engineering and Design, 2009, 239, 2104-2118.	0.8	25
16	Simplified numerical model for defining Ledinegg flow instability margins in MTR research reactor. Progress in Nuclear Energy, 2009, 51, 485-495.	1.3	17
17	Overview of accident analysis in nuclear research reactors. Progress in Nuclear Energy, 2008, 50, 7-14.	1.3	27
18	On the refined integral method for the one-phase Stefan problem with time-dependent boundary conditions. Applied Mathematical Modelling, 2006, 30, 531-544.	2.2	69

#	ARTICLE	IF	CITATIONS
19	A model for the analysis of loss of decay heat removal during loss of coolant accident in MTR pool type research reactors. <i>Annals of Nuclear Energy</i> , 2006, 33, 405-414.	0.9	10